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OPERATIONS PQS USER'S GUIDE

This guide will explain the Personnel Qualification Standards (PQS) program, what it is, and how to use it.

I. WHAT IS PQS?

PQS is a part of your Command's overall training program. It provides the minimum requirements to qualify on a Watchstation/Workstation. It is a method for qualifying officer and enlisted personnel in certain assigned duties. The PQS will assist you in becoming a more productive member of the "combat-ready, qualified Navy team."

II. WHAT MAKES UP THE PQS PROGRAM?

The PQS program consists of the Standard booklet and the Progress Chart.

A. The Standard booklet contains questions you must be able to answer and performance items you must be able to do in order to qualify for a particular Watchstation/Workstation. Standards are written by naval personnel after asking themselves, "What do I need to know to do the job properly?"

The Standard booklet is made up of the following parts:

1. TABLE OF CONTENTS
2. USER'S GUIDE
3. DEFINITIONS OF WORDS USED IN PQS
4. CONTRIBUTING FLEET PERSONNEL
5. ENLISTED SURFACE WARFARE SPECIALIST (ESWS) CROSS-REFERENCE
6. FUNDAMENTALS AND SYSTEMS SUMMARY
7. FUNDAMENTALS (100 SECTION)
8. SYSTEMS (200 SECTION)
9. QUALIFICATION SECTION
10. WATCHSTATIONS/WORKSTATIONS (300 SECTION)
11. FEEDBACK FORM

B. The Progress Chart is used to display all the Standards in progress that have been completed by your division or work center. Your division or work center uses the progress chart to determine who is qualified to stand the watches and perform the tasks required by your division. You should check the progress chart periodically to make sure all of the Standards you have completed have been recorded.

III. PQS FORMAT

A. The numbers in PQS follow a definite pattern. The following breakdown of the numbering system is a handy key to PQS format:

<u>Subject</u>	<u>1st Digit</u>
Operations	100 section = Fundamentals 200 section = Systems 300 section = Watchstations

B. Each Fundamental, System and Watchstation/Workstation is assigned a three-digit number.

Example: 204

204 - Indicates section 2 (System section) and that it is the 4th

In the Systems section of your Standard booklet, you may find a form such as the following example. For items .21 and 22 you must answer questions A and B. For item .23 answers to questions A, B, C and D are required. If there is no grid with X's, all questions must be answered.

204.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following components and component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the safety/protective devices for this component?
- D. What protection is provided by this component/component part?

		A	B	C	D
.21	Head	X	X		
.22	Buck	X	X		
.23	Control buttons/bar	X	X	X	X

C. Qualification Group Numbering System

The Watchstation/Workstation section (300) is divided into qualification groups. Your book may be used for more than one final qualification sign-off. Laundry Receiving/Issuing Clerk. Each group is indicated on a Final Qualification Sign-Off Page as follows:

Example: NAVEDTRA 43448-Q1

43448 - Indicates NAVEDTRA number assigned to the PQS page
Q1 - Indicates the first qualification group

1. FUNDAMENTALS (100 Section) This section identifies basic knowledge needed to do the job properly. Normally you would have acquired this knowledge during the school phase of your training. If you have not been to school, the requirements are outlined and the references listed will aid you in a self-study program.

2. SYSTEMS (200 Section) In systems, the subject under discussion is broken down into functional sections that may be compared to the electrical system in your car. The components of the electrical system are scattered throughout your car, but taken all together they form the "electrical system." The same is true of the equipment you are studying. The components may be located in one place, but they still form a system.

the procedures you need to know to properly perform your job. Watchstation Workstations are divided into final qualification "groups" (Qual 1, Qual 2) with each group containing the following:

a. Final Qualification Sign-Off Page

Final record that is filed in your training jacket and recorded in your Service Record upon final qualification

b. Qualification Summary Page

Record of completion of other PQS qualifications, and Watchstations/Workstations within a qualification group

c. Watchstations/Workstations (Task Sign-Off Pages)

Record of completion of performed tasks for each Watchstation/Workstation and instruction watches required by each Watchstation in a qualification group

IV. HOW TO QUALIFY

A. Your division officer or work center supervisor will issue you a PQS booklet. Your supervisor will assign Watchstations/Workstations and set time limits (goals) for completing your qualification. Progress toward qualification will be monitored on the division/work center Progress Chart. The estimated completion time, shown at the beginning of each Watchstation/Workstation, is only a recommendation and may be modified by your command. It indicates how long it will take the average sailor under normal conditions to complete each Watchstation/Workstation.

B. Open your Standard booklet to your assigned Watchstation/Workstation. At the beginning of the Watchstation/Workstation you will find a list of items that must be completed before starting your tasks. Standards may include Watchstations/Workstations other than the one on which you are working. Concentrate on the prerequisites for the Watchstation/Workstation to which you have been assigned and do not delay your qualification by spending time on others.

C. Complete the Safety Precautions Fundamentals first, then the rest of the required Fundamentals and Systems. Your supervisor may require you to complete these in a certain order, if not, the choice is up to you. If you do not know the answer to a question in the Standard booklet, look up the answer in one of the reference books listed. If you cannot find the answer in the reference books, ask your supervisor for help.

D. As you complete a Fundamental or System section, have the Qualification Petty Officer sign your Fundamentals and Systems Summary page. When you have completed all prerequisites, you are ready to start the performance items for that Watchstation/Workstation. Report your completion of all requirements of that Watchstation/Workstation to your supervisor.

V. THE SUPERVISOR

A. As a senior petty officer, you will be required to assign junior personnel to complete specific Watchstations/Workstations in PQS. When you do this, always look through the Standard booklet to determine other items that should be completed before work is started on the required Watchstations/Workstations or related Fundamentals and Systems. If you are assigning more than one Watchstation/Workstation or section to be completed, it is your responsibility to specify which one should be completed first. The supervisor is an important part of the PQS program if it is to be successful. If you approach PQS with insight, you will find that PQS is a helpful tool that can fit into your overall training plan. You will be responsible for the accuracy, development, and tailoring of PQS to fit your command's needs, as well as for the provision of appropriate feedback to the PQS Development Group (feedback forms are included in the back of each Standard booklet). You should provide motivation and encouragement to personnel by assigning goals, showing interest, and following the trainees' progress. The supervisor is responsible for training and should be responsible to update and maintain the progress chart. It is important that the supervisor be aware of who is and who is not progressing, as well as where counsel and individual instruction may be needed. A sample PQS progress chart can be found in the PQS Manager's Guide (NAVEDTRA 43100-1B). As a supervisor you must be totally familiar with the duties, responsibilities, and assignments of Qualification Petty Officers. Your PQS program cannot survive without proper planning and quality control.

B. The estimated completion time, shown at the beginning of each Watchstation/Workstation, is only a recommendation and may be modified by your command. It indicates how long it will take the average sailor under normal conditions to complete each Watchstation/Workstation.

VI. THE QUALIFICATION PETTY OFFICER

A. Selection as a Qualification Petty Officer means that you are one of the command's subject matter experts on those Fundamentals, Systems, and Watchstations/Workstations assigned to you. PQS cannot be successful without you. Your job is to be totally knowledgeable in your assigned areas, to be yourself available to check off your trainees' achievements, and to ensure that a high-quality PQS program is maintained in your division.

B. Each Qualification Petty Officer should have a set of standards for the Watchstations/Workstations so that all trainees receive the same instruction. If multiple signatures are required for a line item, it is preferable to have one signature per working day or one watch elapse between signatures. If the trainee does not know the correct answer, it is your responsibility to help find the answer in the reference material. This will speed up the process of qualification and will familiarize your trainees with the use of publications. Obviously, this requires that you know where all the answers can be found.

C. As the Qualification Petty Officer you will be the most likely individual to discover discrepancies in the Standard booklet. Any discrepancies noted should be brought to the attention of your supervisor so that appropriate tailoring and corrections can be made. It must be understood that the PQS booklet should be tailored to fit your command's needs. Such tailoring is to be accomplished only with approval of your Commanding Officer or a designated official.

AIRCREW EVOLUTION - A grouping of aircrew tasks that measure performance in the course of a flight

COMPONENTS - Major units that make up a system when properly connected

COMPONENT PART - A major part of a component

CONTROL SIGNAL - A signal used to control electronic or mechanical device

EMERGENCY - An event or series of events in progress that will cause damage to equipment or personnel unless immediate corrective steps are taken

FUNDAMENTALS - Basic facts, theories, laws or principles (100 Section in PQS)

INTERLOCK - A protective device to prevent the unsafe operation of equipment or to sequence the action of systems, components or component parts

MAINTENANCE ACTION - A maintenance technician qualification that measures ability to perform a designated task

MAINTENANCE OPERATION - A qualification that measures the ability to perform tasks (using established procedures) to determine the need for maintenance

NORMAL OPERATING VALUE - The point at which satisfactory performance may be expected

PARAMETER - A variable (temperature, pressure, flow rate, voltage, current, frequency etc.) that must be indicated, monitored, checked or sensed during operation or testing

PROTECTIVE FEATURE - A device designed to prevent damage or injury

SENSING POINT - The point in a system at which a signal may be detected

SETPOINT - The value of a parameter at which: (a) an alarm is set off, (b) operator action is required, (c) valves open or shut, (d) proper operation stops and damage may occur, or (e) the optimum value for normal operation

SUPPORT ACTION - A qualification that measures the ability to perform simple or repetitive tasks that do not involve the correction of a malfunction or repair of equipment

SYSTEMS - Groups of components that operate together to perform specific functions (200 Section in PQS)

SYSTEM INTERFACE - (a) How outside influences affect the operation of this system, or (b) How the operation of this system affects the operation of other systems or equipment

TOLERANCES - Maximum and minimum allowable values of a parameter

WATCHSTATION/WORKSTATION - An operator qualification that includes duties, assignments or responsibilities that an individual may be called upon to perform (not necessarily limited to a specific time period)

The following personnel, under the supervision of the PQS Development made a significant contribution to the development of this PQS for Shi Laundry Equipment Operator:

SHCS R.C. DELA CUEVA
SHC D. F. ECDAO

SHC(ESWS) D. C. TUNGOL
SHC W. L. WIGGINS
SH1 R. E. SALAZAR

SH1 J. S. SENOREN
Mr. ELDRIDGE

Service School Command RTC
NAVRESSO Fleet Assist Team
San Diego, CA
Fleet Training Center, Nor
Fleet Training Center, Nor
NAVRESSO Fleet Assist Team
San Diego, CA
Service School Command RTC
COMNAVAIRPAC

Upon completion of this PQS, the requirements for the following items of the ESWS PQS (NAVEDTRA 43390, Oct 1979) will be satisfied:

106, 113

- 101 Measures
- 102 Receiving And Issue
- 103 Washer/Extractor
- 104 Tumbler Dryer
- 105 Presses
- 106 Spotting Board
- 107 Dry-Cleaning
- 108 Dry-Cleaning Plant Presses
- 109 Safety Precautions

SYSTEMS

- 201 Spotting Board Assembly
- 202 Marking Machine
- 203 Sleever Press
- 204 Collar And Cuff Press
- 205 Automatic Topper Press
- 206 Form Finisher
- 207 Bosom Body Press
- 208 Flatbed (Utility) Press
- 209 Dry-Cleaning Press
- 210 Flatwork Ironer
- 211 Tumbler Dryer
- 212 Washer/Extractor
- 213 Dry-Cleaning Machine

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-81)
- .1 Discuss the use of the following chemicals:
 - a. Detergent (Types I and II)
 - b. Non-ionic liquid
 - c. Alkali
 - d. Bleach
 - e. Starch
 - f. Sour blue
 - g. Solvent
 - .2 Explain the following and their uses:
 - a. Navy Formula I
 - b. Navy Formula II
 - c. Navy Formula III
 - d. Navy Formulas A-F
 - .3 Identify the various measuring devices and their uses.

References:

a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 4

.1 Identify the following laundry logs:

- a. Bulk processing
- b. Press work
- c. Equipment maintenance

.2 Discuss the use of laundry logs and their contents

.3 State the reasons for:

- a. Sorting
- b. Marking
- c. Weighing

.4 Identify the various types of lots.

.5 Discuss issuing/assembly procedures.

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-81)
- .1 Identify the steps of procedures for a pre-operational check.
- .2 Explain the loading procedures for the following:
 - a. Single bins
 - b. Multi-bins
- .3 Discuss the effects of improper loading.
- .4 Describe the contents of supply bins.
- .5 Discuss the operations of the following modes:
 - a. Automatic
 - b. Manual
- .6 Describe the following:
 - a. Soft water
 - b. Hard water
- .7 Describe the washing formulas for the following:
 - a. Whites
 - b. Dungarees
 - c. Permanent press

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-
- .1 Identify the steps of procedures for pre-operational che
- .2 Explain the steps for proper loading.
- .3 Explain the effects of improper loading.
- .4 Discuss the following temperature settings:
 - a. Drying
 - b. Cooling
 - c. Dampers
- .5 Discuss the importance of frequent inspection and cleani
traps.

References:

a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-8)

- .1 Identify and discuss the following presses:
 - a. Flatwork ironer
 - b. Utility (flatbed)
 - c. Collar and cuff
 - d. Bosom body
 - e. Form finisher
 - f. Automatic topper
 - g. Sleever
 - h. Puff iron
 - i. Dry cleaning
- .2 Identify the steps of procedures for pre-operational checks of listed presses.
- .3 Discuss the procedures for cleaning press heads/aprons.
- .4 Discuss the procedures for changing press pads and covers.

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-0)
- .1 Discuss the reason for conducting pre-operational check
- .2 Identify the following components:
 - a. Steam gun
 - b. Foot pedals
- .3 Identify spots and stains and the procedures for removal
- .4 Identify the chemicals used in removing spots and stains

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-0)
- .1 Identify the steps of procedures for pre-operational checks
- .2 Explain the steps for loading the following:
 - a. Single bin
 - b. Multi-bin
- .3 Discuss the effects of improper loading.
- .4 Identify the following components and discuss their uses:
 - a. Still/cooker
 - b. Filters
 - c. Button traps/strainers
 - d. Holding tank
 - e. Water separator
 - f. Lint trap

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-
- .1 Identify and discuss the following presses:
 - a. Form finisher
 - b. Automatic topper press
 - c. Dry-cleaning press
 - .2 Identify the steps of procedures for pre-operational checks listed presses.
 - .3 Discuss the procedures for changing press pads and covers for listed presses.

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-81)
 - b. Navy Safety Precautions For Forces Afloat (OPNAVINST 5100.1)
 - c. Accident Prevention Manual (OPNAVINST 5101.2)
 - d. Heat Stress Analysis Program (OPNAVIST 5100.20)
 - e. Hearing Conservation Program (BUMEDINST 6260.63)
-
- .1 State the safety precautions to be observed when operating the following:
 - a. Washer extractor
 - b. Tumbler dryer
 - c. Spotting board
 - d. Sleever press
 - e. Collar and cuff press
 - f. Bosom body press
 - g. Utility (flatbed) press
 - h. Flatwork ironer
 - i. Automatic toppler
 - j. Form finisher
 - k. Dry-cleaning press
 - .2 Discuss the safe handling procedures for infested/contaminated laundry.
 - .3 Discuss the safety precautions to be observed when handling hazardous chemicals.
 - .4 State the special safety precautions to be observed when storing chemicals.
 - .5 State the allowable working temperature in the laundry/dry-cleaning area.
 - .6 Describe the dangers of open electrical circuits.
 - .7 Identify the location of firefighting equipment for your space.
 - .8 Explain the procedures for removing a victim from an energized circuit.
 - .9 Explain the procedures for the treatment of burns and wounds.
 - .10 Explain the procedures to be followed for neutralizing acid on skin and in eyes.
 - .11 Identify locations of equipment power circuit breakers.
 - .12 Discuss the procedures to be followed when the maximum allowable working temperature is exceeded.

109 SAFETY PRECAUTIONS FUNDAMENTALS (CONT'D)

- .13 Discuss the Heat Stress Program and how it applies to cleaning spaces.
- .14 Discuss the Hearing Conservation Program in relation spaces.

201 SPOTTING BOARD ASSEMBLY SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-81)

201.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the actual equipment.

201.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following components and component parts:

- A. What is its function?
B. Where is it located?
C. What are the positions and functions of each position?

	A	B	C
.21 Main spotting board	X	X	
.22 Sleeve board	X	X	X
.23 Garment tray	X	X	
.24 Chemical tray	X	X	
.25 Spray gun	X	X	
.26 Steam pedal	X	X	
.27 Air pedal	X	X	
.28 Vacuum pedal	X	X	

201.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the system's function?

201.4 PARAMETERS - None to be discussed.

201.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this system:

- a. Loss of steam
b. Loss of air
c. Loss of electrical power

201.6 SAFETY PRECAUTIONS - None to be discussed.

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414

202.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the a

202.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following component parts:

A. What is its function?

B. Where is it located?

.21 Type levers

.22 Index handle

.23 Inked ribbon feed

202.3 PRINCIPLES OF OPERATION - None to be discussed.

202.4 PARAMETERS - None to be discussed.

202.5 SYSTEM INTERFACE - None to be discussed.

202.6 SAFETY PRECAUTIONS - None to be discussed.

203 SLEEVE PRESS SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-81)
- b. Manufacturer's Technical Manual

203.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the actual equipment.

203.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following components and component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the modes of operation or control?
- D. What are the positions and functions of each position?

	A	B	C	D
.21 Buck forms	X	X	X	X
.22 Seam indicator (measuring rod)	X	X		
.23 Heads	X	X		
.24 Control pedal	X	X		
.25 Timer	X	X		
.26 Air gauge	X	X		
.27 Start button	X	X		X
.28 Stop button	X	X		X

203.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the system's function?

203.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and tolerances?
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

- .41 Air pressure
- .42 Steam pressure

203.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this system:
 - a. Loss of steam
 - b. Loss of air
 - c. Loss of electrical power

203.6 SAFETY PRECAUTIONS

- .61 What general safety precautions (as described in MRCs) apply to this system?

204 COLLAR AND CUFF PRESS SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-81)
- b. Manufacturer's Technical Manual

204.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the actual equipment.

204.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following components and component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the safety/protective devices for this component/component part?
- D. What protection is provided by this component/component part?

		A	B	C	D
.21	Head	X	X		
.22	Buck	X	X		
.23	Control buttons/bar	X	X	X	X

204.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the system's function?

204.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and tolerances?
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

- .41 Air pressure
- .42 Steam pressure

204.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this system:
 - a. Loss of steam
 - b. Loss of air
 - c. Loss of electrical power

204.6 SAFETY PRECAUTIONS

- .61 What general safety precautions (as described in MRCs) apply to this system?

205 AUTOMATIC TOPPER PRESS SYSTEM

References:

- a. NAVSEA 0935-LP-047-6010

205.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the ac

205.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following compon
component parts:

- A. What is its function?
B. Where is it located?
C. What are the modes of operation or control?
D. What are the positions and functions of each posi

	A	B
.21 Toe pedal (cycle control)	X	X
.22 Cycle release switch	X	X
.23 Air switch	X	X
.24 Steam switch	X	X
.25 Steam timer	X	X
.26 Air timer	X	X
.27 Air pressure regulator	X	X
.28 Power switch	X	X
.29 Buck plate	X	X
.210 Pleating shoe	X	X
.211 Bag expander/waist expander	X	X

205.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the sy

205.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and toleranc
B. Where are the parameters sensed or monitored?
C. What is the physical location of the indicators?

- .41 Air pressure
.42 Steam pressure

205.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this s
a. Loss of steam
b. Loss of air
c. Loss of electrical power

.61 What general safety precautions (as described in MRCS) apply to system?

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414)
- b. Manufacturer's Technical Manual

206.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the a

206.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the modes of operation or control?

.21	Form housing	A
.22	Air pedal	X
.23	Steam pedal	X
.24	Automatic pedal	X
.25	Air timer	X
.26	Steam timer	X
.27	Pressure control knob	X

206.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the s

206.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and toleran
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

- .41 Steam pressure

206.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this
 - a. Loss of steam
 - b. Loss of air
 - c. Loss of electrical power

206.6 SAFETY PRECAUTIONS

- .61 What general safety precautions (as described in MRC system?

207 BOSOM BODY PRESS SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-4
- b. Manufacturer's Technical Manual

207.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the actual

207.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following components
component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the modes of operation or control?

	A	B	C
.21 Buck	X	X	
.22 Heads	X	X	
.23 Timers	X	X	
.24 Cycle controls	X	X	X
.25 Tail clamp pedal	X	X	

207.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the system

207.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and tolerances?
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

- .41 Air pressure
- .42 Steam pressure

207.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this system
 - a. Loss of steam
 - b. Loss of air
 - c. Loss of electrical power

207.6 SAFETY PRECAUTIONS

- .61 What general safety precautions (as described in MRCs) apply to this system?

208 FLATBED (UTILITY) PRESS SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-
- b. NAVSEA 0935-LP-046-6010

208.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the actual

208.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following component
component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the safety/protective devices for this component part?
- D. What protection is provided by this component/component

		A	B	C
.21	Buck	X	X	
.22	Head	X	X	
.23	Control buttons/bar	X	X	X

208.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the system

208.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and tolerances?
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

- .41 Air pressure
- .42 Steam pressure

208.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this system
 - a. Loss of steam
 - b. Loss of air

208.6 SAFETY PRECAUTIONS

- .61 What general safety precautions (as described in MRCs) are for this system?

209 DRY-CLEANING PRESS SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-4)
- b. NAVSEA 0935-LP-043-6010

209.1 What is the function of this system?

.11 Refer to a standard print of this system or to the actual

209.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following components
component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the safety/protective devices for this component part?
- D. What protection is provided by this component/component

	A	B	C	D
.21 Head	X	X		
.22 Buck	X	X		
.23 Head operating handle	X	X		
.24 Head locking handle	X	X		
.25 Release button/bar	X	X	X	X
.26 Buck steam pedal	X	X		
.27 Vacuum pedal	X	X		
.28 Head steam handle	X	X		
.29 Pressure regulator knob	X	X		
.210 Condensate recovery vacuum system	X	X	X	
.211 Automatic switch/timer	X	X	X	

209.3 PRINCIPLES OF OPERATION

.31 How do the components work together to achieve the system

209.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and tolerances?
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

- .41 Air pressure
- .42 Steam pressure

209.5 SYSTEM INTERFACE

.51 How do the following outside influences affect this system

- a. Loss of steam
- b. Loss of air
- Loss of electrical power

209.6 SAFETY PRECAUTIONS

- .61 What general safety precautions (as described in MRCs) system?

210 FLATWORK IRONER SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-4)
- b. Manufacturer's Technical Manual

210.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the actual

210.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following components
component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the modes of operation or control?
- D. What are the safety/protective devices for this component part?
- E. What protection is provided by this component/component

	A	B	C	D
.21 Tension control	X	X		
.22 Variable speed control	X	X	X	
.23 Safety finger guard	X	X		X
.24 Power switch	X	X		

210.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the system

210.4 PARAMETERS - None to be discussed.

210.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this system?
 - a. Loss of steam
 - b. Loss of electrical power

210.6 SAFETY PRECAUTIONS

- .61 What general safety precautions (as described in MRCs) apply to this system?

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-01-45-81)
- b. Manufacturer's Technical Manual
- c. NAVSEA 0935-LP-043-6010

211.1 What is the function of this system?

.11 Refer to a standard print of this system or to the actual equipment.

211.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following components and component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the safety/protective devices for this component/component part?
- D. What protection is provided by this component/component part?
- E. What are the positions and functions of each position?

	A	B	C	D	E
.21 Dampers	X	X			X
.22 Door switch	X	X	X	X	
.23 Power switch	X	X			
.24 Temperature gauge	X	X			
.25 Primary lint screen (trap)	X	X			
.26 Secondary lint screen (trap)	X	X			
.27 Fire extinguisher knob	X	X	X	X	
.28 Thermostat	X	X			
.29 Timers (drying/cooling)	X	X			

211.3 PRINCIPLES OF OPERATION

.31 How do the components work together to achieve the system's function?

211.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and tolerances?
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

.41 Steam temperature

211.5 SYSTEM INTERFACE

.51 How do the following outside influences affect this system:

- a. Loss of steam
- b. Loss of electrical power

.01 What general safety precautions (as described in MRCs) apply to this system?

212 WASHER/EXTRACTOR SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-
- b. NAVSEA 0935-LP-046-5010
- c. NAVSEA 0935-LP-049-9010

212.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the ac

212.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following compon
component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the modes of operation or control?
- D. What are the interlocks?

	A	B
.21 Timer	X	X
.22 Automatic supply injector	X	X
.23 Temperature control	X	X
.24 Loading door	X	X
.25 Cylinder	X	X
.26 Inching/jog button	X	X
.27 Cutout switch	X	X
.28 Automatic balancer	X	X
.29 Safety coast clutch	X	X
.210 Safety shutoff switch	X	X

212.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the sy

212.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and toleranc
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

- .41 Water temperature
- .42 Air pressure

212.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this s
 - a. Loss of steam
 - b. Loss of air
 - c. Loss of electrical power
 - d. Loss of water

213 DRY-CLEANING MACHINE SYSTEM

References:

- a. Ship's Serviceman 3 & 2 (Module 1) (NAVEDTRA 414-0)
- b. Manufacturer's Technical Manual

213.1 What is the function of this system?

- .11 Refer to a standard print of this system or to the act

213.2 SYSTEM COMPONENTS AND COMPONENT PARTS

Discuss the designated items for the following component parts:

- A. What is its function?
- B. Where is it located?
- C. What are the modes of operation or control?
- D. What are the interlocks?

	A	B
.21 Control panel	X	X
.22 Temperature gauge	X	X
.23 Lint trap	X	X
.24 Strainer (button trap)	X	X
.25 Solvent pressure gauge	X	X
.26 Loading door	X	X

213.3 PRINCIPLES OF OPERATION

- .31 How do the components work together to achieve the sys

213.4 PARAMETERS

For the items listed answer the following questions:

- A. What are the normal operating values and tolerance
- B. Where are the parameters sensed or monitored?
- C. What is the physical location of the indicators?

- .41 Air pressure
- .42 Steam temperature
- .43 Solvent pressure
- .44 Steam pressure

213.5 SYSTEM INTERFACE

- .51 How do the following outside influences affect this sy
 - a. Loss of steam
 - b. Loss of air
 - c. Loss of electrical power

FINAL QUALIFICATION AS
LAUNDRY RECEIVING/ISSUE CLERK

NAME _____ RATE/RANK _____

This page is to be used as a record of satisfactory completion of designated sections of the Personnel Qualification Standard (PQS). Only specified supervisors may signify completion of applicable sections either written or oral examination, or by observation of performance. The examination or checkout need not cover every item; however, a sufficient number should be covered to demonstrate the examinee's knowledge. Should supervisors "give away" their signatures, unnecessary difficulties can be expected in future routine operations.

This qualification section is to be maintained by the trainee and updated to ensure awareness of remaining tasks.

QUALIFICATION

Having observed satisfactory performance, it is recommended the trainee designated a qualified LAUNDRY RECEIVING/ISSUE CLERK (301).

RECOMMENDED _____ DATE _____
(Supervisor)

RECOMMENDED _____ DATE _____
(Division Officer)

RECOMMENDED _____ DATE _____
(Department Head)

QUALIFIED _____ DATE _____
(Commanding Officer)

SERVICE RECORD ENTRY _____ DATE _____
(Personnel Officer)

LAUNDRY RECEIVING/ISSUE CLERK

QUALIFICATION SUMMARY

PQS INDOCTRINATION

COMPLETED _____
(Training Officer/Date)

FINAL QUALIFICATION AS
WASHER/EXTRACTOR OPERATOR

NAME _____ RATE/RANK _____

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This qualification section is to be maintained by the trainee and updated to ensure awareness of remaining tasks.

QUALIFICATION

Having observed satisfactory performance, it is recommended the trainee designated a qualified WASHER/EXTRACTOR OPERATOR (302).

RECOMMENDED _____ DATE _____
(Supervisor)

RECOMMENDED _____ DATE _____
(Division Officer)

RECOMMENDED _____ DATE _____
(Department Head)

QUALIFIED _____ DATE _____
(Commanding Officer)

SERVICE RECORD ENTRY _____ DATE _____
(Personnel Officer)

WASHER/EXTRACTOR OPERATOR

QUALIFICATION SUMMARY

PQS INDOCTRINATION

COMPLETED

(Training Officer/Date)

FINAL QUALIFICATION AS
TUMBLER DRYER OPERATOR

NAME _____ RATE/RANK _____

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This qualification section is to be maintained by the trainee and updated to ensure awareness of remaining tasks.

QUALIFICATION

Having observed satisfactory performance, it is recommended the trainee designated a qualified TUMBLER DRYER OPERATOR (303).

RECOMMENDED _____ DATE _____
(Supervisor)

RECOMMENDED _____ DATE _____
(Division Officer)

RECOMMENDED _____ DATE _____
(Department Head)

QUALIFIED _____ DATE _____
(Commanding Officer)

SERVICE RECORD ENTRY _____ DATE _____
(Personnel Officer)

FINAL QUALIFICATION AS
LAUNDRY PRESS OPERATOR

NAME _____ RATE/RANK _____

This page is to be used as a record of satisfactory completion designated sections of the Personnel Qualification Standard (PQS). specified supervisors may signify completion of applicable sections written or oral examination, or by observation of performance. The examination or checkout need not cover every item; however, a sufficient number should be covered to demonstrate the examinee's knowledge. supervisors "give away" their signatures, unnecessary difficulties expected in future routine operations.

This qualification section is to be maintained by the trainee and to ensure awareness of remaining tasks.

QUALIFICATION

Having observed satisfactory performance, it is recommended the designated a qualified LAUNDRY PRESS OPERATOR (304).

RECOMMENDED _____ DATE _____
(Supervisor)

RECOMMENDED _____ DATE _____
(Division Officer)

RECOMMENDED _____ DATE _____
(Department Head)

QUALIFIED _____ DATE _____
(Commanding Officer)

SERVICE RECORD ENTRY _____ DATE _____
(Personnel Officer)

TUMBLER DRYER OPERATOR

QUALIFICATION SUMMARY

PQS INDOCTRINATION

COMPLETED _____
(Training Officer/Date)

WASHER/EXTRACTOR OPERATOR (NAVEDTRA 43448-Q2)

COMPLETED _____
(Department Head/Date)

LAUNDRY PRESS OPERATOR

QUALIFICATION SUMMARY

PQS INDOCTRINATION

COMPLETED

(Training Officer/Date) _____

FINAL QUALIFICATION AS
SPOTTING BOARD OPERATOR

NAME _____ RATE/RANK _____

This page is to be used as a record of satisfactory completion of designated sections of the Personnel Qualification Standard (PQS). Only specified supervisors may signify completion of applicable sections either written or oral examination, or by observation of performance. The examination or checkout need not cover every item; however, a sufficient number should be covered to demonstrate the examinee's knowledge. Should supervisors "give away" their signatures, unnecessary difficulties can be expected in future routine operations.

This qualification section is to be maintained by the trainee and updated to ensure awareness of remaining tasks.

QUALIFICATION

Having observed satisfactory performance, it is recommended the trainee designated a qualified SPOTTING BOARD OPERATOR (305).

RECOMMENDED _____ DATE _____
(Supervisor)

RECOMMENDED _____ DATE _____
(Division Officer)

RECOMMENDED _____ DATE _____
(Department Head)

QUALIFIED _____ DATE _____
(Commanding Officer)

SERVICE RECORD ENTRY _____ DATE _____
(Personnel Officer)

SPOTTING BOARD OPERATOR

QUALIFICATION SUMMARY

PQS INDOCTRINATION

COMPLETED

(Training Officer/Date)

FINAL QUALIFICATION AS
DRY-CLEANING MACHINE OPERATOR

NAME _____ RATE/RANK _____

This page is to be used as a record of satisfactory completion of designated sections of the Personnel Qualification Standard (PQS). specified supervisors may signify completion of applicable sections written or oral examination, or by observation of performance. The examination or checkout need not cover every item; however, a sufficient number should be covered to demonstrate the examinee's knowledge. Supervisors "give away" their signatures, unnecessary difficulties expected in future routine operations.

This qualification section is to be maintained by the trainee and to ensure awareness of remaining tasks.

QUALIFICATION

Having observed satisfactory performance, it is recommended the designated a qualified DRY-CLEANING MACHINE OPERATOR (306).

RECOMMENDED _____ DATE _____
(Supervisor)

RECOMMENDED _____ DATE _____
(Division Officer)

RECOMMENDED _____ DATE _____
(Department Head)

QUALIFIED _____ DATE _____
(Commanding Officer)

SERVICE RECORD ENTRY _____ DATE _____
(Personnel Officer)

DRY-CLEANING MACHINE OPERATOR

QUALIFICATION SUMMARY

PQS INDOCTRINATION

COMPLETED _____
(Training Officer/Date)

SPOTTING BOARD OPERATOR (NAVEDTRA 43448-Q5)

COMPLETED _____
(Department Head/Date)

Estimated completion time: 1 week

Before starting your assigned tasks, complete the following it

Fundamentals: 102, 109 (20% of workstation)

Systems: 202 (10% of workstation)

301.1 TASKS

For the tasks listed below:

- A. What are the steps of this procedure?
- B. What are the reasons for each step?
- C. Perform this task.

- .11 Maintain appropriate receiving logs

(Signature) (Date)

- .12 Receive, sort/mark appropriate lots

(Signature) (Date)

- .13 Receive and weigh divisional bulk

(Signature) (Date)

- .14 Receive and count service lots

(Signature) (Date)

- .15 Receive and weigh flatwork

(Signature) (Date)

Completion of .1 area comprises 45% of workstation.

301.2 INFREQUENT TASKS - None to be discussed.

301.3 ABNORMAL CONDITIONS

For the abnormal conditions listed below:

- A. What indications and alarms are received?
- B. What immediate action is required?
- C. Perform or simulate the corrective/immediate abnormal condition.

.31 Contaminated laundry

(Signature) (Date)

.32 Infested laundry

(Signature) (Date)

Completion of .3 area comprises 10% of work

301.4 EMERGENCIES - None to be discussed.

301.5 WATCHES

Stand 3 satisfactory watches under qualified supervision

SIGNATURE

Completion of .5 area comprises 15% of work

Estimated completion time: 4 weeks

Before starting your assigned tasks, complete the following it

Fundamentals: 101, 102, 103, 109 (20% of workstation)

Systems: 202, 212 (10% of workstation)

302.1 TASKS

For the tasks listed below:

- A. What are the steps of this procedure?
- B. What are the reasons for each step?
- C. What safety precautions must be observed?
- D. What parameters must be monitored?
- E. Perform this task.

	A	B	C	D	E
.11 Pre-operational checks	X	X	X		X

(Signature) (Date)					
.12 Load the machine		X	X	X	X

(Signature) (Date)					
.13 Secure door (inner/outer multi-bin)		X	X	X	X

(Signature) (Date)					
.14 Fill supply bin		X	X		X

(Signature) (Date)					
.15 Operate machine		X	X		X

(Signature) (Date)					
.16 Unload machine		X	X	X	X

(Signature) (Date)					

Completion of .1 area comprises 40% of workstation.

302.2 INFREQUENT TASKS

For the infrequent tasks listed below:

- A. What are the steps of this procedure?
- B. What are the reasons for each step?
- C. What safety precautions must be observed?
- D. What parameters must be monitored?
- E. How are monitored parameters changed by this infrequent task?
- F. What conditions require this infrequent task?
- G. Perform or simulate this task.

.21 Manually operate machine

(Signature) (Date)

Completion of .2 area comprises 5% of workstation.

302.3 ABNORMAL CONDITIONS

For the abnormal conditions listed below:

- A. What indications and alarms are received?
- B. What immediate action is required?
- C. What are the probable causes?
- D. What emergencies or malfunctions may occur if immediate action is not taken?
- E. Perform or simulate the corrective/immediate action for this abnormal condition.

.31 Improper draining

A B
X X

(Signature) (Date)

.32 Unusual noise

X X

(Signature) (Date)

.33 Slowdown of normal speed

X

(Signature) (Date)

.34 Excessive vibration

X X

(Signature) (Date)

Completion of .3 area comprises 10% of workstation.

302.4 EMERGENCIES

For the emergency conditions listed below:

- A. What indications or alarms are received?
- B. What immediate action is required?
- C. What are the probable causes?
- D. What other emergencies or malfunctions may occur if immediate action is not taken?
- E. Perform or simulate the immediate action for this emergency condition.

.41 Electrical fire

(Signature) (Date)

Completion of .4 area comprises 5% of workstation.

302.5 WATCHES

Stand 5 satisfactory watches under qualified supervision.

SIGNATURE _____

DATE _____

Completion of .5 area comprises 10% of workstation.

Estimated completion time: 1 week

Before starting your assigned tasks, complete the following

PQS Qualifications: NAVEDTRA 43448-Q2

Fundamentals: 104 (10% of workstation)

Systems: 211 (10% of workstation)

303.1 TASKS

For the tasks listed below:

- A. What are the steps of this procedure?
- B. What are the reasons for each step?
- C. What safety precautions must be observed?
- D. What parameters must be monitored?
- E. Perform this task.

.11 Pre-operational checks

A	B	C	D	E
X	X	X		X

(Signature) (Date)

.12 Load machine

X	X	X	X	X
---	---	---	---	---

(Signature) (Date)

.13 Start machine

X	X			X
---	---	--	--	---

(Signature) (Date)

.14 Unload machine

X	X			X
---	---	--	--	---

(Signature) (Date)

Completion of .1 area comprises 45% of workstation.

303.2 INFREQUENT TASKS - None to be discussed.

303.3 ABNORMAL CONDITIONS

For the abnormal conditions listed below:

- A. What indications and alarms are received?
- B. What immediate action is required?
- C. What are the probable causes?
- D. What emergencies or malfunctions may occur if immediate action is not taken?
- E. Perform or simulate the corrective/immediate action for this abnormal condition.

.31 Unusual noise

A
X

(Signature) (Date)

.32 Smoke

X

(Signature) (Date)

.33 Lack of heat

X

(Signature) (Date)

.34 Slowdown of normal speed

X

(Signature) (Date)

Completion of .3 area comprises 20% of workstation

303.4 EMERGENCIES

For the emergency conditions listed below:

- A. What indications or alarms are received?
- B. What immediate action is required?
- C. What other emergencies or malfunctions may occur if immediate action is not taken?
- D. Perform or simulate the immediate action for this emergency condition.

.41 Electrical/lint fire

(Signature) (Date)

Completion of .4 area comprises 5% of workstation

303.5 WATCHES

Stand 3 satisfactory watches under qualified supervision.

SIGNATURE

DAT

Completion of .5 area comprises 10% of workstation.

Estimated completion time: 6 weeks

Before starting your assigned tasks, complete the following

Fundamentals: 105, 108, 109 (10% of workstation)

Systems: 203 thru 210 (40% of workstation)

304.1 TASKS

For the tasks listed below:

- A. What are the steps of this procedure?
- B. What are the reasons for each step?
- C. What safety precautions must be observed?
- D. What parameters must be monitored?
- E. Perform this task.

.11 Pre-operational check

A	B	C
X	X	X

(Signature) (Date)

.12 Clean press heads and apron

X	X	X
---	---	---

(Signature) (Date)

.13 Operate flatwork ironer

X	X	X
---	---	---

(Signature) (Date)

.14 Operate puff ironer

X	X
---	---

(Signature) (Date)

.15 Operate dry-cleaning press

X	X	X	X
---	---	---	---

(Signature) (Date)

Completion of .1 area comprises 15% of workstation.

304.2 INFREQUENT TASKS - None to be discussed.

304.3 ABNORMAL CONDITIONS

For the abnormal conditions listed below:

- A. What indications and alarms are received?
- B. What immediate action is required?
- C. What are the probable causes?
- D. Perform or simulate the corrective/immediate action abnormal condition.

.31 Press head does not open/close

(Signature) (Date)

.32 Press head opens/closes with a jar

(Signature) (Date)

.33 Press head opens/closes slowly

(Signature) (Date)

.34 Wet press pad/cover (dry cleaning)

(Signature) (Date)

.35 Vacuum malfunction (dry cleaning)

(Signature) (Date)

Completion of .3 area comprises 15% of workstation.

304.4 EMERGENCIES - None to be discussed.

304.5 WATCHES

Stand 5 satisfactory watches under qualified supervision

SIGNATURE _____

Completion of .5 area comprises 20% of workstation.

WORKSTATION - SPOTTING BOARD OPERATOR

Before starting your assigned tasks, complete the following items:

Fundamentals: 101, 106, 109 (50% of workstation)

Systems: 201 (10% of workstation)

For the tasks listed below:

- What are the steps of this procedure?
- What are the reasons for each step?
- What safety precautions must be observed?
- Perform this task.

.11 Pre-operational checks

A	B	C	D
X	X		X

(Signature) (Date)

.12 Operate spotting board

X X X X

(Signature) (Date)

Completion of .1 area comprises 20% of workstation.

305.2 INFREQUENT TASKS - None to be discussed.

305.3 ABNORMAL CONDITIONS - None to be discussed.

305.4 EMERGENCIES - None to be discussed.

305.5 WATCHES

Stand 3 satisfactory watches under qualified supervision.

SIGNATURE

DATE _____

Completion of .5 area comprises 20% of workstation.

WORKSTATION - DRY-CLEANING MACHINE OPERATOR

Before starting your assigned tasks, complete the following

Fundamentals: 102, 107, 108 (10% of workstation)

Systems: 212 (5% of workstation)

For the tasks listed below:

- What are the steps of this procedure?
- What are the reasons for each step?
- What safety precautions must be observed?
- What parameters must be monitored?
- Perform this task.

A	B	C	D	E
X	X	X		X

.12 Load machine

X X X X

.13 Start machine

X X)

.14 Unload machine

X X

Completion of .1 area comprises 40% of workstation.

306.2 INFREQUENT TASKS - None to be discussed.

For the abnormal conditions listed below:

- A. What indications and alarms are received?
- B. What immediate action is required?
- C. What are the probable causes?
- D. What emergencies or malfunctions may occur if immediate action is not taken?
- E. How does this condition affect other operations/equipment/watchstations?
- F. Perform or simulate the corrective/immediate action for the abnormal condition.

.31 No ventilation

A B C
X X

(Signature) (Date)

.32 Improper solvent level

X X

(Signature) (Date)

.33 Unusual noises

X X

(Signature) (Date)

.34 Slowdown of normal speed

X

(Signature) (Date)

.35 Excessive vibration

X X

(Signature) (Date)

.36 Excessive solvent odor

X X

(Signature) (Date)

Completion of .3 area comprises 20% of workstation

306.4 EMERGENCIES

For the emergency conditions listed below:

- A. What indications or alarms are received?
- B. What immediate action is required?
- C. What other emergencies or malfunctions may occur if immediate action is not taken?
- D. How does this emergency affect other operations/equipment/watchstations?
- E. Perform or simulate the immediate action for this emergency condition.

.41 Solvent spill

(Signature) (Date)

Completion of .4 area comprises 5% of workstation.

306.5 WATCHES

Stand 5 satisfactory watches under qualified supervision.

SIGNATURE

DATE

Completion of .5 area comprises 20% of workstation.

Personnel Qualification Standard
Information Report and Suggestion Sheet
PQS DEVGRU AUTOVON 957-5367

From _____

Activity _____

Mailing Address _____

_____ AUTOVON

Qual Standard Affected _____ NAVEDTRA

Section Affected _____

Page # _____

Remarks/Recommendations (Use additional sheets if necessary)

Suggestions for improving this Qual Standard

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